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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
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HM22/0620

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| EXAMINER |
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LA JOLLA CA 92037

| FORM CL D |              |
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| ART UNIT  | PAPER NUMBER |

1646

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DATE MAILED:

06/20/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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Washington, D.C. 20231

09215569

| SERIAL NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO. |
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| EXAMINER |
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| ART UNIT | PAPER NUMBER |
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DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

The communication filed 04/27/00 (Paper No. 6) is not fully responsive to the Office communication mailed 12/22/99 (Paper No. 5) for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report.

Since the above-mentioned reply appears to be a *bona fide* attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of **ONE (1) MONTH** from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825). EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David S. Romeo whose telephone number is (703) 305-4050. The examiner can normally be reached on Monday through Friday from 6:45 a.m. to 3:15 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gary Kunz, can be reached on (703) 308-4623.

Official papers filed by fax should be directed to (703) 308-4242.

Faxed draft or informal communications should be directed to the examiner at (703) 308-0294.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

*David S. Romeo*  
**DAVID ROMEO  
PATENT EXAMINER**

June 18, 2000

**FILE COPY**

1646

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/215,569

DATE: 05/15/2000  
 TIME: 12:18:53

Input Set : A:\Ucsd.app  
 Output Set: N:\CRF3\05152000\I215569.raw

3 <110> APPLICANT: BIER, ETHAN  
 4 <111> YU, KWON  
 6 <120> TITLE OF INVENTION: PEPTIDE INHIBITOR OF TGF-BETA GROWTH FACTORS  
 8 <130> FILE REFERENCE: 011873/2000  
 10 <110> CURRENT APPLICATION NUMBER: US 09/215,569  
 11 <111> CURRENT FILING DATE: 1998-12-15  
 13 <150> PRIOR APPLICATION NUMBER: US 09/069,001  
 14 <151> PRIOR FILING DATE: 1997-12-16  
 E--> 16 <160> NUMBER OF SEQ ID NOS: 12 *12 shown as submitted file*  
 18 <170> SOFTWARE: Patent In Ver. 2.1

Does Not Comply  
 Corrected Diskette Needed

# ERRORED SEQUENCES

20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 879  
 22 <212> TYPE: DNA  
 24 <213> ORGANISM: *Protophila* Short Distribution Gene (Sd1)  
 25 <210> SEQUENCE: 1  
 26 atgacacacg agctacacac atgacacg atgacacac agctacacac agctacacac 60  
 27 gacacacacg agctacacac atgacacac agctacacac agctacacac agctacacac 120  
 28 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 180  
 29 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 240  
 30 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 300  
 31 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 360  
 32 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 420  
 33 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 480  
 34 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 540  
 35 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 600  
 36 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 660  
 37 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 720  
 38 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 780  
 39 atgacacacg agctacacac agctacacac agctacacac agctacacac agctacacac 840  
 W--> 40 actctcagtg tctatcagaa tgcacacggc aagatctga ~879  
 E--> 41 879

*move up - delete all TAB codes*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/215,569

DATE: 05/15/2000

TIME: 12:28:54

Input Set : A:\Ucsd.app

Output Set: N:\CRF3\05152000\I215569.raw

L:40 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4  
L:41 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1  
L:41 M:252 E: (20) Calc# of Seq. differs from actual. <111> LENGTH:Input:879 Counted:840  
L:16 M:203 E: (20) Calc# of Seq. differs from actual. <160> Number Of Sequences:Input (13) Counted (12)

## NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

### Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

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To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**